PN - JP9227396 A 19970902
PD - 1997-09-02
PR - JP19960063675 19960226
OPD - 1996-02-26
TI - ANTIMICROBIAL INGREDIENT
IN - SATO MASAKO
PA - SATO MASAKO
IC - A61K35/78 ; A01N65/00 ; A23L3/00 ; A23L3/3472 ; A61K7/50 ; A61L2/16 ; A61K7/00

TI - Antibacterial substance - is vapour distillation product of leaves of Cherry tree and is easily prepared
PR - JP19960063675 19960226
PN - JP3336366B2 B2 20021021 DW200272 A61K35/78 008pp
- JP9227396 A 19970902 DW199745 A61K35/78 007pp
PA - (SATO-I) SATO M
IC - A01N65/00 ;A23L3/00 ;A23L3/3472 ;A47K10/02 ;A61K7/00 ;A61K7/08 ;A61K7/50 ;A61K35/78 ;A61L2/16 ;A61P31/00 ;D03D15/00 ;D06M13/00
AB - J09227396 New antibacterial substance is obtained by vapor distillation of the leaves of cherry tree, and its Rf ranges from 0.10 - 0.70 when treated on silica gel thin layer column chromatography using solvent A of acetone and n-hexane. Also claimed is antibacterial substance obtained by extraction of the leaves of cherry tree with the solvent B, and its Rf value ranges from 0.10 - 0.70 when subjecting to silica gel column chromatography using the solvent A.
- USE - The substance is used as antimould because of antibacterial activity, and is used with wet tissue papers, under sheet for food or wrapping material, or towels.
- ADVANTAGE - The antibacterial substance is easily prepd. and safe because it is obtained from the leaves of cherry. The substance is easily mixed with other materials because it is soluble in water and organic solvent.
- (Dwg.0/2)
OPD - 1996-02-26
AN - 1997-486363 [45]

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IN - SATO MASAKO
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TI - ANTIMICROBIAL INGREDIENT
AB - PROBLEM TO BE SOLVED: To obtain both an antimicrobial ingredient which is in accord to the recent directional trend toward a natural product and safe for the human body and an antimicrobial material using the ant imicrobial ingredient.
- SOLUTION: This antimicrobial ingredient can be obtained by extracting a cherry leaf with a solvent B and then distilling off the solvent B from the resultant extract or carrying out the steam distillation of the cherry leaf. The antimicrobial ingredient is indicated by any one of spots appearing within the range of 0.10-0.70 Rf when passing the ingredient through a silica get thin-layer chromatographic treatment by using a mixed solvent A of acetone with n-hexane as a developing solvent.
SI - A61K7/00
I - A61K35/78 ;A01N65/00 ;A23L3/00 ;A23L3/3472 ;A61K7/50 ;A61L2/16